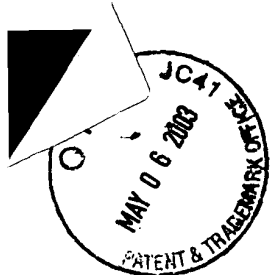


2857



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE PATENT
TRANSMITTAL FORM

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TECH CENTER 1600/2900

Applicant: John R. Desjarlais

Serial No.: 10/071,859

Filed: February 6, 2002

For: APPARATUS AND METHOD FOR DESIGNING PROTEINS AND
PROTEIN LIBRARIES

Art Unit: 2857

Examiner: Not Yet Assigned

Attorney Docket: 823.0093USQ

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Alexandria, VA 22313-1450

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Transmitted herewith is:

1. Supplemental Information Disclosure Statement;
2. PTO Form 1449 with copies of references;
3. Transmittal letter in duplicate; and
4. Postcard.

Please charge any additional fees or credit any such fees, if necessary to Deposit
Account No. 01-0467 in the name of Ohlandt, Greeley, Ruggiero & Perle. A duplicate
copy of this sheet is attached.

Respectfully submitted,

Date: May 2, 2003

Paul D. Greeley, Esq.
Reg. No. 31,019
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.
One Landmark Square, 10th Floor
Stamford, Connecticut 06901-2682
(203) 327-4500

CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS FIRST
CLASS MAIL IN AN ENVELOPE ADDRESSED TO: MAIL STOP DD COMMISSIONER FOR PATENTS, P.O. BOX 1450,
ALEXANDRIA, VA 22313-1450, ON MAY 2, 2003.

Alex Nulman
NAME

SIGNATURE

05/02/03
DATE



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#80
Plunkett
5/29/03

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with applicant's duty of disclosure under 37 C.F.R. §1.56, please find attached hereto form PTO-1449 listing information which may be material to the patentability of this application, filed February 6, 2002. This Supplemental Information Disclosure Statement is being filed:

- ___ Within three (3) months of the filing date of the national application;
- ___ Within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application;
- XXXX** Before the mailing date of a first Office Action on the merits;
- ___ After the filing date or date of first Office Action, but before the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);
- ___ After the filing date or date of first Office Action, but before the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to the final action and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);
- ___ After the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by either a

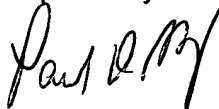
certification as specified in 37 C.F.R. §1.97(e), a petition requesting consideration of the I.D.S., and the petition fee set forth in 37 C.F.R. §1.17(i)(1); and

____ After the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to the issuance of a final action and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e), a petition requesting consideration of the I.D.S., and the petition fee set forth in 37 C.F.R. §1.17(i)(1).

Enclosed are 4 prior art citations titled: "Adaptability of restrained molecular dynamics for tertiary structure prediction: application to *Crotalus atrox* venom phospholipase A₂", "Protein design automation", "Reduced representation model of protein structure prediction: Statistical potential and genetic algorithms" and "Application of a self-consistent mean field theory to predict protein side-chains conformation and estimate their conformational entropy".

It should be understood that attention has been called to the references that have been deemed to be pertinent to the claimed present invention. In concluding what was pertinent, the criteria employed was considered most appropriate in light of the invention shown in the present application. However, the Examiner or others may deem some other criteria to be just as appropriate or more appropriate. Therefore, the Examiner is respectfully urged to review the listed references and to make the usual careful independent search for other prior art that may be pertinent.

Respectfully submitted,



May 2, 2003

Paul D. Greeley
Reg. No. 31,019
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.
One Landmark Square, 10th Floor
Stamford, CT 06901-2682
(203) 327-4500

FORM PTO-1449

Docket Number (Optional)

Application Number

823.0093USQ**10/071,859**

Applicant

John R. Desjarlais

Filing Date

February 6, 2002

Group Art Unit

2857

 INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

Use several sheets if necessary)

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	T. Fujiyoshi-Yoneda et al., (1991), "Adaptability of restrained molecular dynamics for tertiary structure prediction: application to <i>Crotalus atrox</i> venom phospholipase A ₂ ", Protein Engineering, vol. 4, no. 4, pps. 443-450,
	Dahiyat et al., (1996), "Protein design automation", Protein Science (5), pps. 895-903
	Shaojian Sun, (1993), "Reduced representation model of protein structure prediction: Statistical potential and genetic algorithms", Protein Science (2), pps. 762-785

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

FORM PTO-1449

Docket Number (Optional)

Application Number

823.0093USQ**10/071,859**

Applicant

John R. Desjarlais

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	Patrice Koehl et al., (1994), "Application of a self-consistent mean field theory to predict protein side-chains conformation and estimate their conformational entropy", J. Mol. Biol. 239, pps. 249-275

EXAMINER	DATE CONSIDERED
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